Outsulation® MD (NC) System

DSC167NC

A commercial exterior wall insulation system with positive drainage

Outsulation® MD	(NC)	System
Installation	Deta	ils

SHOP DRAWING REVIEW

REVIEWED

REVIEWED AS NOTED

REVISE AND RESUBMIT



"This review is for the sole purpose of ascertaining conformance with the general design concept for architectural features only, and does not in any way constitute review of the design of engineering elements which form part of the Contract Documents prepared by others. This review shall not mean that the Architect approves the detail design inherent in the shop drawings. This responsibility shall remain with the Contractor submitting same, and such review shall not relieve the Contractor of his responsibility for errors or omissions in the shop drawings or of his responsibility for meeting all requirements of the Contract Documents. The Contractor is responsible for dimensions to be confirmed and correlated at the job site, for information that pertains solely to fabrication processes, or to techniques of construction and installation and for co-ordination for the work of all trades."

Bryan Bonell Sept. 17, 2019

HOBIN ARCHITECTURE INCORPORATED



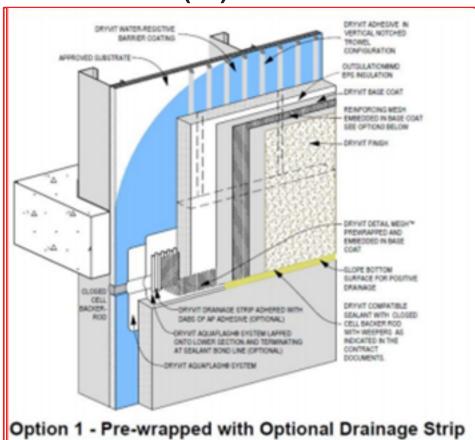
Outsulation® MD (NC)

Table of Contents

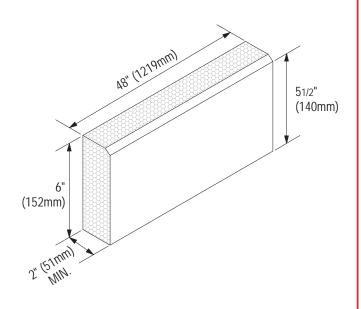
DETAIL		NOTE
OMD.01	OUTSULATION MD SYSTEM	DDV//IT MAK/FO NO
OMD.02	OUTSULATION MD SYSTEM WITH OPTION ALTERNATE	DRYVIT MAKES NO REPRESENTATION REGARDING
OMD.03	OUTSULATION MD BOARD PROFILE & ADHESIVE PATTERN	CONFORMITY OF ITS SUGGESTIONS TO APPLICABLE BUILDING CODES,
OMD.05	OUTSIDE CORNER - R.S. BOARD LAYOUT COMPARTMENT	ENGINEERING CRITERIA, SPECIFIC APPLICATIONS OR PROJECT LOCATIONS. ALL COMPONENTS INDICATED IN ILLUSTRATIONS. AS
OMD.10B	HEAD / SILL - FOR WINDOW SPANS 10' (3M) OR GREATER	WELL AS OTHERS THAT MAY BE REQUIRED FOR THE INTEGRITY OF THE SYSTEM SHALL BE DESIGNED, DETAILED AND ENGINEERED BY REPRESENTATIVES OF THE
OMD.11	JAMB	ARCHITECT, OWNER OR CONTRACTOR TO BE IN
OMD.12	PARAPET - CAP FLASHING	CONFORMANCE WITH MODEL
OMD.13	PARAPET - SOLID SUBSTRATE, METAL COPING	CODES, ARCHITECTURAL AND ENGINEERING REQUIREMENTS
OMD.15	INSIDE / OUTSIDE CORNERS	PERTAINING TO SPECIFIC BUILDING PROJECTS.
OMD.16	OUTSIDE CORNER - HIGH IMPACT	DRYVIT MAKES NO WARRANTY,
OMD.22	STRUCTURAL EXPANSION JOINTS	EXPRESSED OR IMPLIED, AS TO THE ARCHITECTURAL DESIGN,
OMD.23	PENETRATIONS - CROSS SECTION	ENGINEERING, OR WORKMANSHIP OF PROJECTS UTILIZING DRYVIT
OMD.24	INSULATION LAYOUT - OPENINGS	SYSTEMS OR PRODUCTS.
OMD.25	SIGN ATTACHMENT	THE LIABILITIES OF DRYVIT SHALL BE AS STATED IN THE
OMD.26	AESTHETIC REVEALS	OUTSULATION® MD LIMITED COMMERCIAL WARRANTY. CONTACT
OMD.27	PROJECTING GRAPHICS	DRYVIT FOR A FULL AND COMPLETE
OMD.28	RECESSED GRAPHICS	COPY OF THE WARRANTY.



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- 1. These details are meant to apply to both Outsulation MD and Outsulation MD NC. Outsulation® MD NC requires the use of Primus® DM as the base coat/adhesive.
- 2. Dryvit recommends that ground floor applications and all facades exposed to abnormal stress, high traffic, or deliberate impact have the base coat reinforced with Panzer® 15 or 20 Mesh prior to Standard Plus Mesh. Location of high impact zones should be indicated in contract drawings.



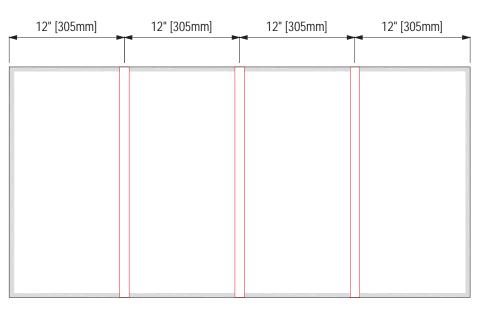
Dryvit Starter Strip

R-007-04-11 Outsula

Outsulation® MD System Option Prewrapped Starter Strip



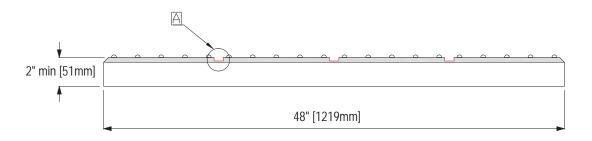
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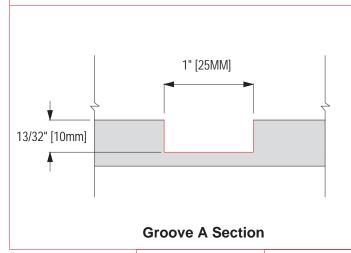
Notched trowel adhesive ribbons may vary from illustration.

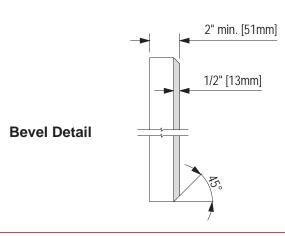
A minimum of four (4) ribbons per 12" [305mm] section will be required.

Elevation View - Wall Side



Plan View with sample adhesive distribution pattern

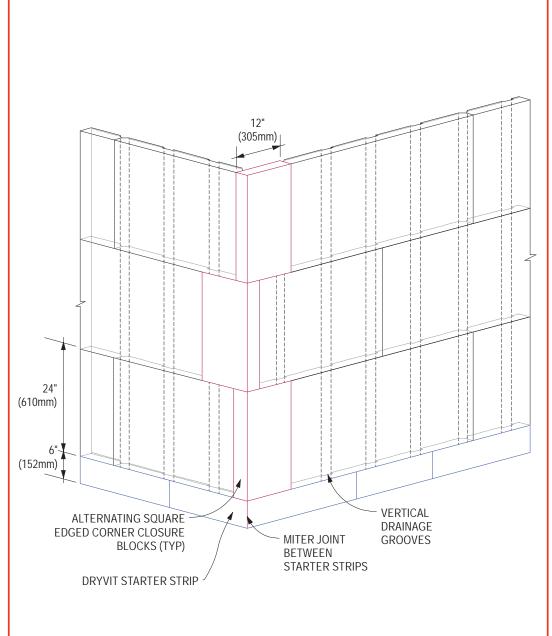




R-008-11-12

Outsulation® MD Board Profile and Adhesive Pattern





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- 2. Dryvit recommends that ground floor applications and all facades exposed to abnormal stress, high traffic, or deliberate impact have the base coat reinforced with Panzer® 15 or 20 Mesh prior to Standard Plus Mesh. Location of high impact zones should be indicated in contract drawings.
- 3. Install square edged corner closure blocks on alternating sides of outside corners.
- 4. Alignment of vertical grooves not required.
- 5. Closure blocks not required at vertical terminations, i.e. expansion joints and vertical integration with other cladding.

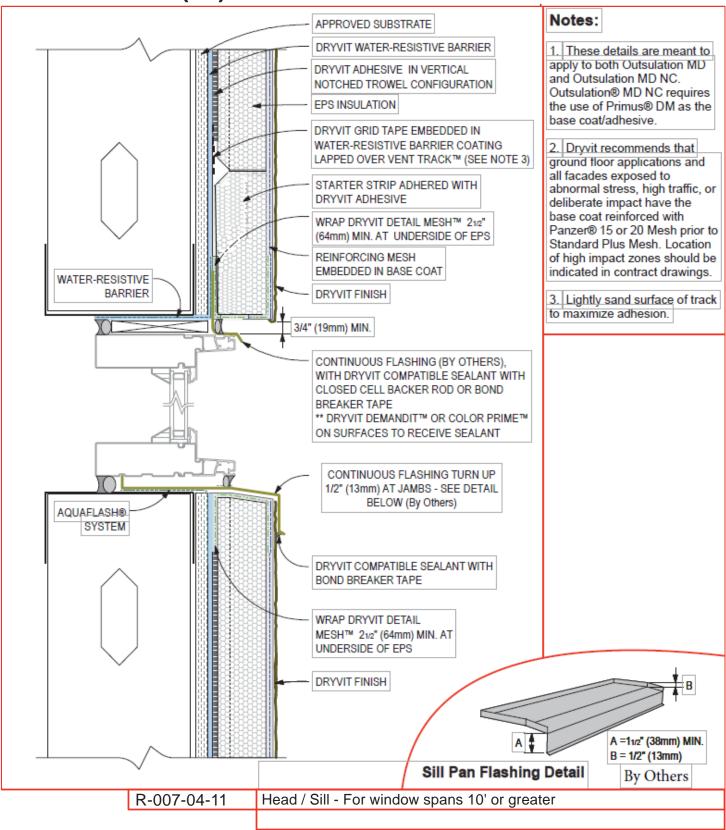
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Outside Corner - R.S. Insulation Board Layout



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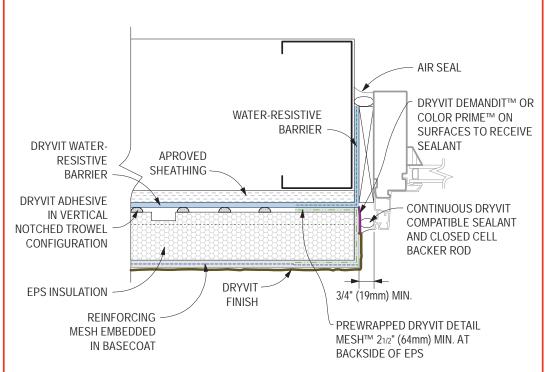
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R-007-04-11

Jamb



DRYVIT AQUAFLASH® METAL CAP SYSTEM **FLASHING** PARAPET **CAP SHEET** 21/2" (64mm) MIN. **APPROVED** DRYVIT COMPATIBLE SUBSTRATE-SEALANT (SEE NOTE 3) WRAP DRYVIT DETAIL MESH™ 21/2" (64mm) MIN. FRAMING AT UNDERSIDE OF EPS DRYVIT WATER-RESISTIVE **ROOF BARRIER ASSEMBLY** DRYVIT ADHESIVE IN **VERTICAL NOTCHED** TROWEL CONFIGURATION **CLOSURE BLOCK EPS INSULATION** REINFORCING MESH EMBEDDED IN BASE COAT DRYVIT FINISH

Notes:

- 1. These details are meant to apply to both Outsulation MD and Outsulation MD NC. Outsulation® MD NC requires the use of Primus® DM as the base coat/adhesive.
- 2. Dryvit recommends that ground floor applications and all facades exposed to abnormal stress, high traffic, or deliberate impact have the base coat reinforced with Panzer® 15 or 20 Mesh prior to Standard Plus Mesh. Location of high impact zones should be indicated in contract drawings.
- 3. Ensure that parapet capping is water tight if sealant is to be applied here. Otherwise extend capping overlap as required to avoid moisture migration behind system.

R-007-04-11 Parapet - Cap Flashing



DRYVIT AQUAFLASH® METAL CAP SYSTEM FLASHING **PARAPET** CAP SHEET -21/2" (64mm) MIN. WRAP DRYVIT DETAIL MESH™ 21/2" (64mm) MIN. AT UNDERSIDE DRYVIT COMPATIBLE OF EPS SEALANT (SEE NOTE 3) WRAP DRYVIT DETAIL MESH™ 21/2" (64mm) **DRYVIT** MIN. AT UNDERSIDE **COMPATIBLE** OF FPS **SEALANT** (203mm) MIN. DRYVIT WATER-RESISTIVE BARRIER **ROOF FLASHING** AND COUNTER-DRYVIT ADHESIVE IN **FLASHING** VERTICAL NOTCHED **TROWEL ROOF CONFIGURATION ASSEMBLY CLOSURE BLOCK EPS INSULATION** REINFORCING MESH EMBEDDED IN BASE COAT **DRYVIT FINISH** APPROVED SOLID **SUBSTRATE**

Notes:

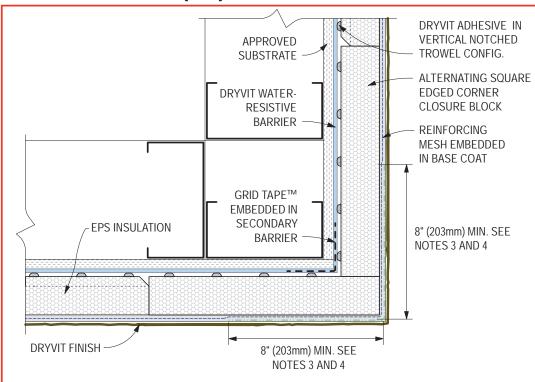
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- 2. Dryvit recommends that ground floor applications and all facades exposed to abnormal stress, high traffic, or deliberate impact have the base coat reinforced with Panzer® 15 or 20 Mesh prior to Standard Plus Mesh. Location of high impact zones should be indicated in contract drawings.
- 3. Ensure that parapet capping is water tight if sealant is to be applied here. Otherwise extend capping overlap as required to avoid moisture migration behind system.
- 4. If system on back of parapet extends for more than 2'-0" (610mm), provide for drainage similar to wall face.

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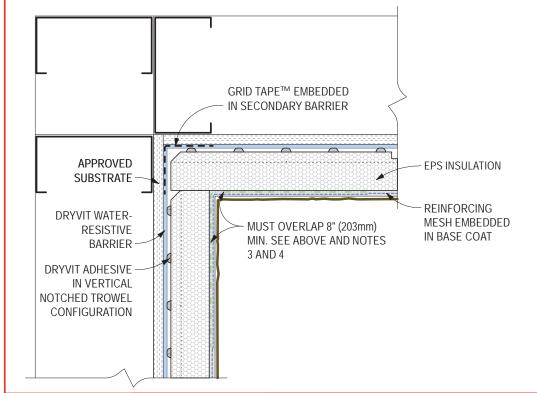
Parapet - Solid Substrate, Metal Coping



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- 2. Dryvit recommends that ground floor applications and all facades exposed to abnormal stress, high traffic, or deliberate impact have the base coat reinforced with Panzer® 15 or 20 Mesh prior to Standard Plus Mesh. Location of high impact zones should be indicated in contract drawings.
- 3. Double wrap outside corners with reinforcing mesh or use corner mesh.
- 4. Do not lap reinforcing mesh with 8" (203.2mm) of a corner.



R-007-04-11 Inside / Outside Corners



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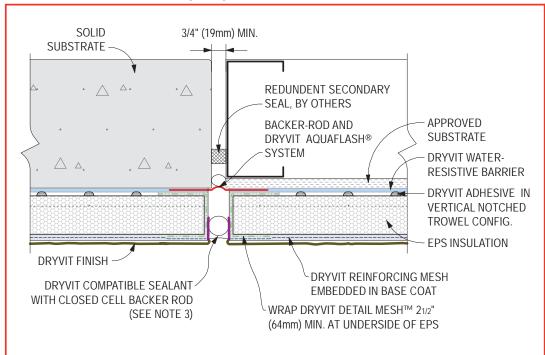
1. These details are meant to apply to both Outsulation MD and Outsulation MD NC. Outsulation® MD NC requires the use of Primus® DM as the base coat/adhesive. 2. Dryvit recommends that DRYVIT WATER-**APPROVED** RESISTIVE BARRIER ground floor applications and ALTERNATING SQUARE **SUBSTRATE** all facades exposed to DRYVIT ADHESIVE IN **EDGED CORNER** abnormal stress, high traffic, or VERTICAL NOTCHED CLOSURE BLOCK deliberate impact have the TROWEL CONFIGURATION base coat reinforced with Panzer® 15 or 20 Mesh prior to **EPS INSULATION** Standard Plus Mesh. Location of high impact zones should be DRYVIT BASECOAT indicated in contract drawings. PANZER® 15 OR 20 REINFORCING MESH (IF SPECIFIED) DRYVIT BASECOAT DRYVIT FINISH DRYVIT CORNER MESH DRYVIT STANDARD OR STANDARD PLUS REINFORCING MESH **OVERLAP MIN 8"** (203.2mm) AT CORNER

Outside Corner - High Impact

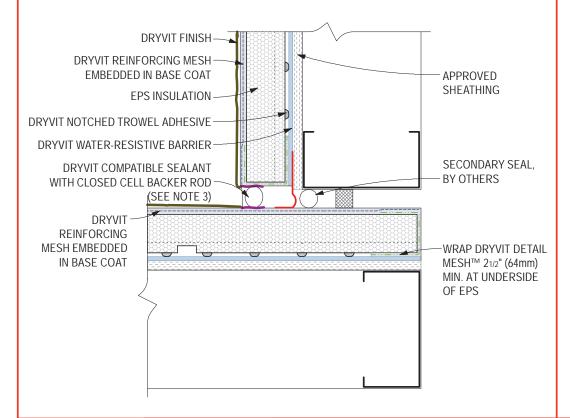


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- 2. Dryvit recommends that ground floor applications and all facades exposed to abnormal stress, high traffic, or deliberate impact have the base coat reinforced with Panzer® 15 or 20 Mesh prior to Standard Plus Mesh. Location of high impact zones should be indicated in contract drawings.
- 3. Dryvit Demandit™ or Color Prime™ on surfaces to receive seaant.



R-007-04-11 Sructural Expansion Joints



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APPROVED SUBSTRATE DRYVIT WATER-RESISTIVE BARRIER DRYVIT NOTCHED TROWEL ADHESIVE **EPS INSULATION** REINFORCING MESH EMBEDDED IN BASE COAT **DRYVIT FINISH** 3/4" (19mm) MIN. **OPTIONAL** DRYVIT COMPATIBLE SEALANT SECONDARY -WITH CLOSED CELL BACKER ROD OR BOND BREAKER TAPE **SEAL** 3/4" (19mm) MIN. DRYVIT DEMANDIT™ OR COLOR PRIME™ ON SURFACES TORECEIVE SEALANT BACKER-ROD AND DRYVIT AQUAFLASH® SYSTEM WRAP DRYVIT DETAIL MESH[™] 21/2" (64mm) MIN. AT UNDERSIDE OF EPS

Notes:

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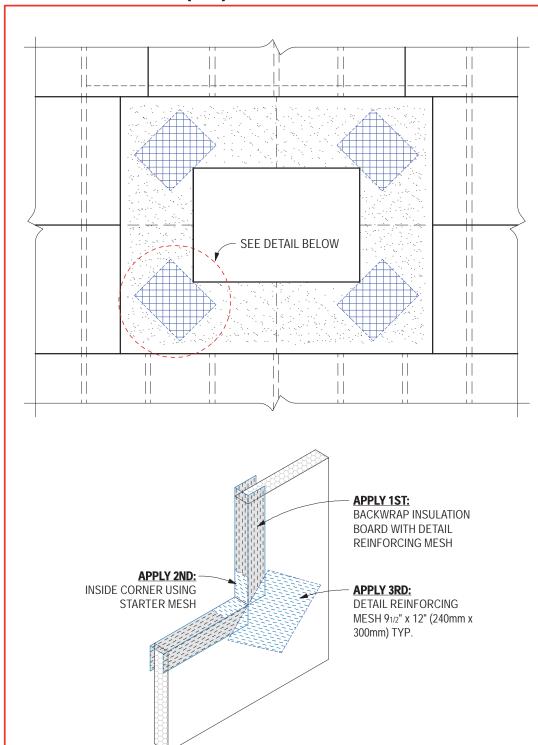
R-007-04-11 Penetrations - Cross Section



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A 8



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R-007-04-11 Insulation Layout - Openings



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FRAMING 3/4" (19mm) MIN. MEMBER-DRYVIT WATER-RESISTIVE BARRIER DRYVIT NOTCHED TROWEL ADHESIVE **APPROVED** SUBSTRATE **EPS INSULATION** DRYVIT COMPATIBLE SEALANT BI OCKING AND BOND BREAKER TAPE (SECURE TO SCREW/BOLT ATTACHMENT FRAMING) TO BUILDING FRAMING NEOPRENE WASHER NON-**CORROSIVE** SIGN FIXTURE PIPE SLEEVE REINFORCING MESH EMBEDDED IN BASE COAT DRYVIT FINISH

Notes:

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- 3. Entire perimeter of pipe sleeve is caulked to prevent water entry into wall.

Installation Instructions:

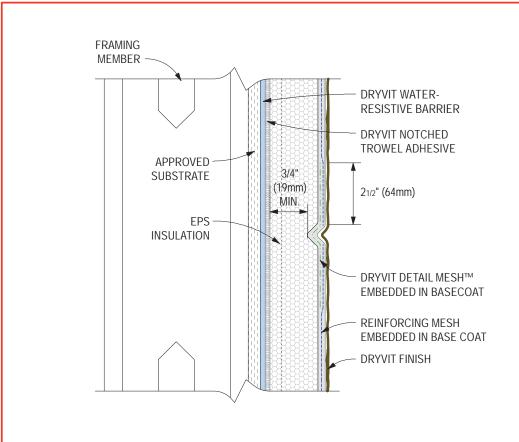
- 1. Pre-drill through EIFS stopping at water-resistive barrier (WRB).
- 2. Cut sleeve to equal depth of system from WRB to outside face.
- 3. Gun neutral cure silicone sealant into hole and insert sleeve.
- 4. While selant is wet, install fastener and tool sealant around edges as shown.

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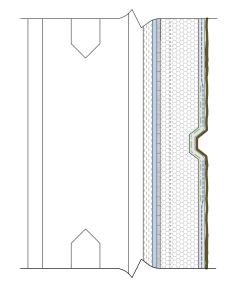
Sign Attachment

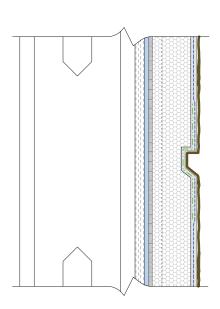


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- 3. Bottom ends of reveals are to be sloped for positive drainage.





R-007-04-11 Aesthetic Reveals

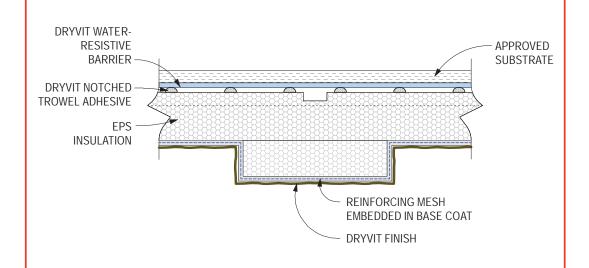


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APPROVED : **SHEATHING** DRYVIT WATER-**RESISTIVE** SLOPE **BARRIER GRAPHIC FOR** DRYVIT NOTCHED POSITIVE TROWEL ADHESIVE DRAINAGE **EPS INSULATION** DRYVIT FINISH REINFORCING MESH EMBEDDED IN BASE COAT

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R-007-04-11 Projecting Graphics

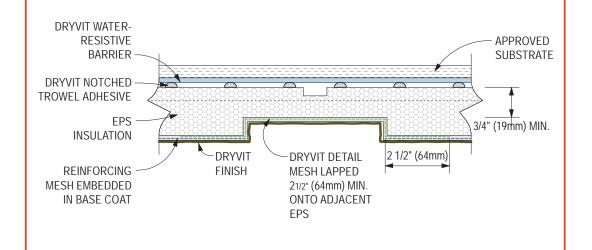


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APPROVED **SHEATHING** DRYVIT WATER-**RESISTIVE** SLOPE **BARRIER GRAPHIC FOR** DRYVIT NOTCHED POSITIVE TROWEL ADHESIVE DRAINAGE **EPS INSULATION** DRYVIT FINISH REINFORCING MESH EMBEDDED IN BASE COAT

Notes:

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R-007-04-11

Recessed Graphics



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